MILITER OF STATE OF S

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SEQUENCE LISTING
<110> Rosanne M. Crooke
      Mark J. Graham
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TOTAL STREET AND DESIGNATION OF A

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| gaggaaggee  | . deegeeeegg | •          |            |            |                          |      |
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| 1 5                                                             |     |
| gtc tgc cca tgc cag ggc tct gca ggt cgt ccg act att ctg tat gca | 101 |
| Val Cys Pro Cys Gln Gly Ser Ala Gly Arg Pro Thr Ile Leu Tyr Ala |     |
| 10 15 20                                                        |     |
| ctt ctg agc ccc agc ccc agg acc agg ccc gtt gca cct gca tct cac | 149 |
| Leu Leu Ser Pro Ser Pro Arg Thr Arg Pro Val Ala Pro Ala Ser His |     |
| 25 30 35                                                        |     |
| age cae tge etg tge cag cag egg eet gtg egt etg tgt get eeg     | 197 |
| Ser His Cys Leu Cys Gln Gln Gln Arg Pro Val Arg Leu Cys Ala Pro |     |

| 40                |                   |                   |                   |                   | 45                |                   |                   |                   |                   | 50                |                   |                   |                   |                   | 55                         |     |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------------|-----|
| cac<br>His        | cgc<br>Arg        | acc<br>Thr        | tgc<br>Cys        | agg<br>Arg<br>60  | gag<br>Glu        | gcc<br>Ala        | ttg<br>Leu        | gat<br>Asp        | gtc<br>Val<br>65  | cta<br>Leu        | gcc<br>Ala        | aag<br>Lys        | aca<br>Thr        | gta<br>Val<br>70  | gcc :<br>Ala               | 245 |
| ttc<br>Phe        | ctc<br>Leu        | agg<br>Arg        | aac<br>Asn<br>75  | ctg<br>Leu        | ccg<br>Pro        | tcc<br>Ser        | ttc<br>Phe        | tgc<br>Cys<br>80  | cac<br>His        | ctg<br>Leu        | ccc<br>Pro        | cat<br>His        | gag<br>Glu<br>85  | gat<br>Asp        | cag<br>Gln                 | 293 |
| cgg<br>Arg        | cgg<br>Arg        | ctg<br>Leu<br>90  | cta<br>Leu        | gag<br>Glu        | tgc<br>Cys        | tgc<br>Cys        | tgg<br>Trp<br>95  | ggc<br>Gly        | cct<br>Pro        | ctc<br>Leu        | ttc<br>Phe        | ctg<br>Leu<br>100 | ctt<br>Leu        | Gly<br>999        | ttg<br>Leu                 | 341 |
| gcc<br>Ala        | cag<br>Gln<br>105 | gat<br>Asp        | gct<br>Ala        | gtg<br>Val        | acc<br>Thr        | ttc<br>Phe<br>110 | gag<br>Glu        | gtg<br>Val        | gct<br>Ala        | gag<br>Glu        | gct<br>Ala<br>115 | ccg<br>Pro        | gtg<br>Val        | ccc<br>Pro        | agt<br>Ser                 | 389 |
| ata<br>Ile<br>120 | ctt<br>Leu        | aag<br>Lys        | aag<br>Lys        | atc<br>Ile        | ctg<br>Leu<br>125 | cta<br>Leu        | gag<br>Glu        | gaa<br>Glu        | gcc<br>Ala        | agc<br>Ser<br>130 | agc<br>Ser        | ggt<br>Gly        | acc<br>Thr        | cag<br>Gln        | ggt<br>Gly<br>135          | 437 |
| gcc<br>Ala        | cag<br>Gln        | cca<br>Pro        | tca<br>Ser        | gac<br>Asp<br>140 | cgg<br>Arg        | cca<br>Pro        | caa<br>Gln        | ccc<br>Pro        | tca<br>Ser<br>145 | ctg<br>Leu        | gct<br>Ala        | gca<br>Ala        | gtt<br>Val        | cag<br>Gln<br>150 | tgg<br>Trp                 | 485 |
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| gag<br>Glu        | tat<br>Tyr        | gcg<br>Ala<br>170 | tac<br>Tyr        | ctg<br>Leu        | aag<br>Lys        | ggc<br>Gly        | acg<br>Thr<br>175 | atc<br>Ile        | ctc<br>Leu        | ttc<br>Phe        | aac<br>Asn        | cca<br>Pro<br>180 | gat<br>Asp        | gtg<br>Val        | cca<br>Pro                 | 581 |
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| ggc<br>Gly        | acc<br>Thr        | ctt<br>Leu        | ctg<br>Leu<br>235 | Val               | gat<br>Asp        | ctc<br>Leu        | ttc<br>Phe        | ttc<br>Phe<br>240 | Arg               | cct<br>Pro        | atc<br>Ile        | atg<br>Met        | gga<br>Gly<br>245 | Asp               | gtt<br>Val                 | 773 |
| gac<br>Asp        | atc<br>Ile        | act<br>Thr<br>250 | Glu               | ctc<br>Leu        | ctt<br>Leu        | gaa<br>Glu        | gac<br>Asp<br>255 | Met               | ctt<br>Leu        | ttg<br>Leu        | ctg<br>Leu        | agg<br>Arg<br>260 | Ī                 |                   |                            | 815 |
| taa               | aget              | acc               | ctca              | acto              | ag c              | caca              | CCCC              | t ag              | ıctcg             | gact              | : tcc             | ttgc              | ttt               | ggat              | ctcccc<br>acagtg<br>aatgtc | 935 |

| tttccct<br>gactttg<br>aaaa                   | gcc tgggtag<br>tac agaacta | ggga<br>aaat | tgggagcagg<br>taagttattg | aagctgtact<br>ttttttgtaa | ttcaagccag<br>taaaacatat | aatccctcct<br>gacctcctga | 1055<br>1115<br>1119 |
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| <400> 62<br>taagcagcct aagctttcat                              | 20 |
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